

Work Order ID 64659

Page 1

Monday, December 13, 2010 10:25:38 AM

Item ID: D206-746-043

Accept



Setup Start



Revision ID:

Item Name: Blower Motor Assembly

Stop



Start Date: 12/13/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/31/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: *MF*Date: *10-12-13*

Tooling:

Date:

Run Start



QC: _____

Date: _____

SPC (Y/N):

Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI9341	Rev C

100



DOCUMENT CONTROL

DC

Document Control

Memo

0.00

0.00

N/A

110



Small Fab

Small Fab

Memo

0.00

Change bearing - D3742-1 B Batch: *B48562*

Assemble as per dwg DSI 9341

Center punch set-screw ,then drill as per dwg.

Add locktite 26221 to fan set screw batch: *M113436*

Secure using Lock Wire

A/R MS20995-025E LOCK WIRE Batch: *M18670*
(1x)
PJ
m-f 10/12/15

*TESTED MOTOR WITH DC UNIT
Ran for 12 hrs*

10/12/15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D206-746-043 PAR #: _____ Fault Category: Small Fails NCR: Yes No DQA: _____ Date: 10/01/04
 Resolution: re-work Disposition: re-work QA: N/C Closed: _____ Date: 11/01/04

NCR: 64659		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
10/12/17	100	Wire was minor 1 wire was damaged on the cover. Wire not exposed. R.C. Other.	10/12/17	Re-cover with electric heat shrink both wires	M.P. 10/12/17	S 10/12/17	10/12/17 GHD	S 10/12/17

NOTE: Date & initial all entries

Work Order ID 64659

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Item ID: D206-746-043

Accept



Setup Start



Revision ID:

Item Name: Blower Motor Assembly

Stop



Start Date: 12/13/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/31/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

120



QC

Quality Control

Operation
Description

QC5- Inspect part completeness to step on W/O

Set Up/
Run Hours

0.00

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

8.012/17

(+) 1

130



Packaging

Packaging

Packaging

Memo

0.00

0.00

Identify and pack for shipping as per PPP D206-746-043

Location:

PPP Rev: 68107

PM

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

MF

10-12-17

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, December 13, 2010 10:25:38 AM

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Work Order ID: 64659



Parent Item: D206-746-043



Parent Item Name: Blower Motor Assembly

Start Date: 12/13/2010

Required Date: 12/31/2010

Comments:

IPP rev A	06.08.21	New Issue	EC
IPP rev B	07.03.15	DSI 9341 Rev B	KJ
IPP Rev:C	08-02-12	change to rev.c	DD verified by:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
26D71 		Purchased	No			110	Each	1.0000	1	1		m-f w/12/15	
Blower Motor							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
					ST			1					
					115883			1					
AN3-3A 		Purchased	No			110	Each	203.0000	6	6		m-f w/12/15	
Bolt							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
					ST350			203					
					115621			3					
					116400			200					
AN960-10 	NAS1149F0363P	Purchased	No			110	Each	7,883.000	6	6		m-f w/12/15	
Washer							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
					ST348			7883					
					19356			200					
					5519			7683					
D3471-041 		Manufactured	No			110	Each	2.0000	1	1		m-f w/12/15	
Blower Motor Support							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
					ST159			2					
					48304			2					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 2

Monday, December 13, 2010 10:25:38 AM

Work Order ID: 64659



Parent Item: D206-746-043



Parent Item Name: Blower Motor Assembly

Start Date: 12/13/2010

Required Date: 12/31/2010

Start Qty: 1.00

Required Qty: 1.00

D3473-041



Blower Inlet Adapter

Manufactured No

110 Each

3.0000

1

1



m-f w/12/15

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST160	3	
37114	3	

D3476-041



Blower Motor Adapter

Manufactured No

110 Each

4.0000

1

1



m-f w/12/15

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST156	4	
45185	4	

D3477-041



Blower Motor Inlet Adapter

Manufactured No

110 Each

1.0000

1

1



m-f w/12/15

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
WA	1	
36432	1	

D3585-1



Set Screw

Manufactured No

110 Each

103.0000

2

2



m-f w/12/15

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST072	103	
31571	3	
55705	100	

D3742-1



Bearing

Manufactured No

110 Each

6.0000

2

2



m-f w/12/15

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST086	6	
48562	6	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Monday, December 13, 2010 10:25:38 AM

Work Order ID: 64659



Parent Item: D206-746-043



Parent Item Name: Blower Motor Assembly

Start Date: 12/13/2010

Required Date: 12/31/2010

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-04

Purchased

No

110

Each

266.0000

3

3



m-f w/12/15

SCREW

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST290	266	
	266	

MS35333-38

Purchased

No

120

Each

90.0000

3

3



LOCK WASHER

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST295	90	
107063 ✓	90	

m-f w/12/15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-746 REV. A

REF. CANADIAN STC: SH05-45 ISSUE 1

FAA STC: SH3367NM DATED OCT. 13, 2005

The Parts List of Installation Instructions IIN-D206-746 Rev. A should be amended as follows:

Qty -011	Qty -041	Qty -043	Part Number	Description
X			D206-746-011	SHROUD AIRFLOW HEATER SYSTEM
1	X		D206-746-041	REAR OVERHEAD PASSENGER MODIFICATION KIT
1		X	D206-746-043	BLOWER MOTOR ASSEMBLY
			1 D3471-041	BLOWER MOTOR SUPPORT (CAM-1984-008)
			1 D3473-041	BLOWER INLET ADAPTER (CAM-1984-013)
			1 D3476-041	BLOWER MOTOR ADAPTER (CAM-1984-014)
			1 D3477-041	BLOWER MOTOR INLET ADAPTER (CAM-1984-015)
			2 D3585-1	SET SCREW
			2 D3742-1	BEARING
	A/R		26221	LOCTITE 226 THREADLOCKER
		1	26D71	BLOWER MOTOR (26D71-1)
		6	AN3-3A	BOLT
		6	AN960-10	WASHER
		3	MS27039-08-04	MACHINE SCREW
		3	MS35333-38	LOCK WASHER
	A/R		MS20995-025E	LOCK WIRE

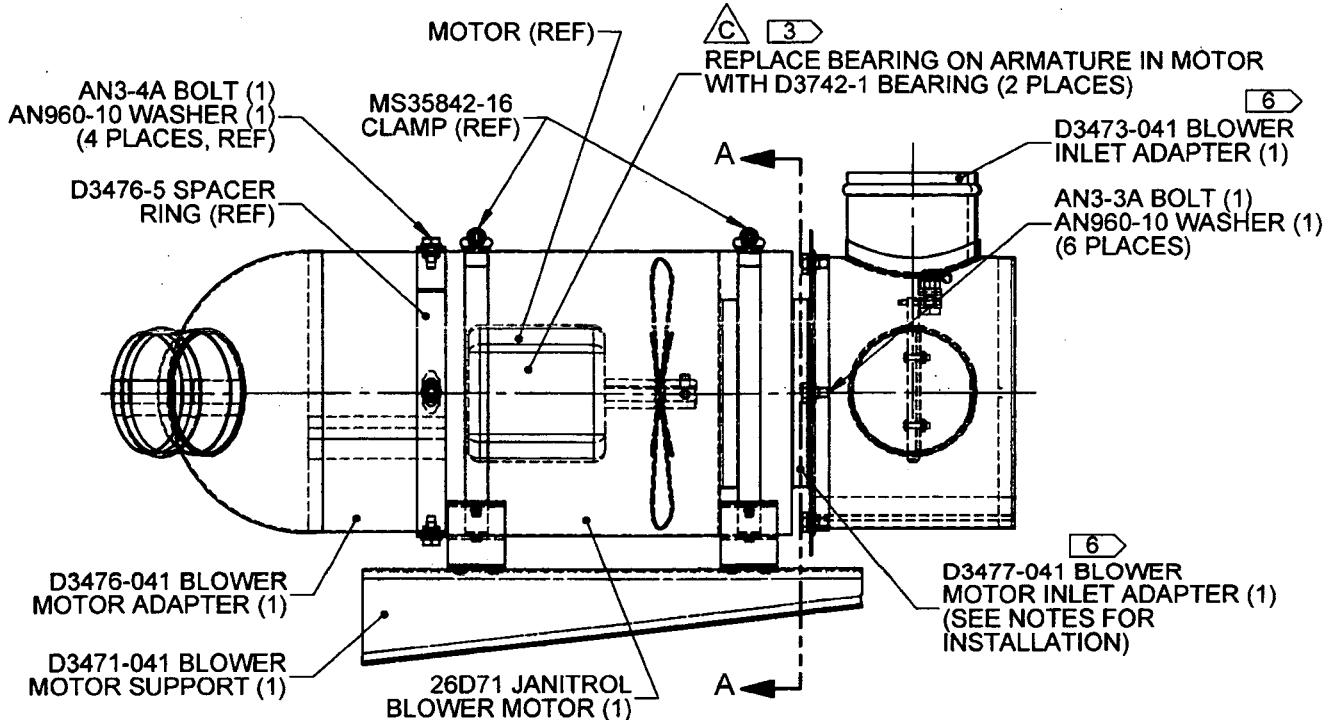


Furthermore, any mention of "Blower Motor Assembly" appearing in Installation Instructions IIN-D206-746 Rev. A, and Installation Drawing D206-746 Rev. A, should be replaced by D206-746-043 Blower Motor Assembly.

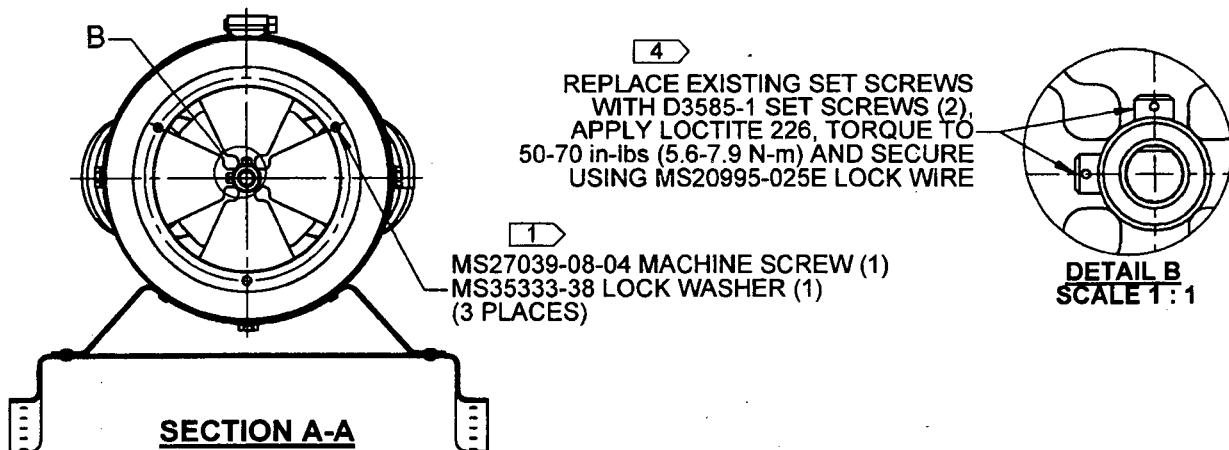
For assembly instructions of D206-746-043 Blower Motor Assembly, refer to page 2 of this DSI.

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	08.01.20
CERT. NO.:	SH05-45
ISSUE NO.:	1

C	ADD D3742-1 BEARING; UPDATE FORMAT	PH	08.01.20
B	ADD D3585-1 & DETAIL B	MB	07.01.02
A	NEW ISSUE	MB	06.08.09
REV.	DESCRIPTION	BY	DATE
DESIGN	b	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PH		
CHECKED	b		
MFG. APPR.	E		
APPROVED			
DE APPR.			
DRAWING NO.	DSI 9341		REV. C
DATE	08.01.20		SHEET 1 OF 2
TITLE	SCALE		
BLOWER MOTOR ASSEMBLY NTS			
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D206-746-043 BLOWER MOTOR ASSEMBLY



SECTION A-A

INSTALLATION NOTES:

- 1) ON 26D71 BLOWER MOTOR, REMOVE EXISTING MACHINE SCREWS (3), LOCK WASHERS (3) AND EXISTING ADAPTER (1).
- 2) REMOVE MOTOR AND RETAIN HARDWARE
- 3) REPLACE BEARINGS WITH D3742-1 BEARINGS (2 PLACES) \triangle
- 4) REPLACE SET SCREWS WITH D3585-1 SET SCREWS (2 PLACES)
- 5) RE-INSTALL MOTOR WITH HARDWARE REMOVED AT STEP 2
- 6) REPLACE ADAPTER WITH D3477-041 BLOWER INLET ADAPTER. USE HARDWARE REMOVED AT STEP 1 TO SECURE D3473-041/D3477-041 BLOWER INLET ADAPTER TO 26D71 JANITROL BLOWER MOTOR.
- 7) D206-746-043 IS SUPPLIED TO CUSTOMER PRE-ASSEMBLED

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE:

08.01.20

CERT. NO.:

SH05-45

ISSUE NO.:

1

DESIGN	<i>b</i>	DART AEROSPACE LTD	
DRAWN	<i>PH</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>b</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>PS</i>	DSI 9341	SHEET 2 OF 2
APPROVED	<i>PS</i>	TITLE	SCALE
DE APPR.	<i>PS</i>	BLOWER MOTOR ASSEMBLY	
DATE	08.01.20	1:4	

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